



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director



1PX0001420081215

DARKE STILLWATER GOLF ESTATES

MILLER, JOSEPH 2008/12/15



State of Ohio Environmental Protection Agency

Southwest District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

December 15, 2008

Darke County Commissioners
County Administration Building
520 South Broadway
Greenville, OH 45331

**RE: NOTICE OF VIOLATION
Stillwater Golf Estates Wastewater Treatment Plant
Compliance Evaluation Inspection
NPDES Permit 1PX00014*CD/OH0119067
Darke County**

Ladies and Gentlemen:

On December 9, 2008, I conducted an inspection at the above referenced wastewater treatment works. This inspection was conducted to determine compliance with the NPDES permit for this facility. A detailed inspection report is attached.

Provide a response to the items noted under "Items Requiring a Response" heading of the inspection report by January 5, 2009. Your response should include dates, either actual or proposed, for completion of actions.

If you have any questions, I can be reached at (937) 285-6109.

Sincerely,

~~Joe Miller~~

Division of Surface Water
Compliance and Enforcement

CC: Steve Crawford, Operator
Darke County Health Department



**Stillwater Golf Estates wastewater Treatment Plant
Compliance Inspection
December 9, 2008**

Overview

The Stillwater Golf Estates WWTP is designed to treat 7,500 gallons of wastewater per day from the Stillwater Golf Course and Subdivision. The wastewater plant discharges to an unnamed tributary of the Stillwater River. The wastewater treatment facility is an extended aeration package plant with a 1,500 gallon trash trap, 10,000 gallon aeration chamber, two clarifiers with a total volume of 6,600 gallons, a 1,000 gallon sludge holding tank, 800 gallon dosing tank, dual slow surface sand filters (900 sq. ft.), 900 gallon chlorine contact/dechlorination chamber, and a 188 gallon post-aeration tank. At the time of inspection the WWTP appeared to be operating properly.

Infiltration and Inflow (I/I)

From the period reviewed (July 2007 to December 2008), the average daily flow was 7,200 gallons per day. The maximum flow reported during this period of time was 66,375 gallons per day. This is indicative of excessive infiltration and inflow (I/I) of storm water into the wastewater collection system. Excessive storm water to the WWTP has resulted in the use of illegal bypasses in the past, noted since at least 1994.

A representative from ORWA reviewed the Stillwater Golf Estate collection system on April 11, 2005. In a letter from Ohio EPA on May 2, 2005, the County Commissioners were requested to provide the recommendation for I/I elimination by June 2, 2005. On May 20, 2005, Ohio EPA received a letter from Steve Crawford, Operator, which stated that the collection system data was being analyzed. Estimates were received from Fanning/Howey Civil Engineering Division in October 2007 and Brumbaugh Construction in March 2008 to replace sections of the collection system and manholes. Construction was estimated to begin in winter 2008.

Effluent Violations

The following violations were noted during the period of July 2007 to December 2008:

Effluent Limit Violations

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2008	31616	Fecal Coliform	30D Conc	1000	3500.	7/1/2008
July 2008	31616	Fecal Coliform	7D Conc	2000	3500.	7/22/2008

Effluent Frequency Violation

Reporting Period	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2008	00400	pH	1/Month	1	0	01/01/2008

Stillwater Golf Estates WWTP continued

Items Requiring a Response

1. Infiltration and Inflow – Provide an update on the selected project to be implemented to reduce infiltration and inflow and the schedule for completion.
2. Effluent violations – Provide an explanation for the above cited effluent limit and frequency violations. Describe what measures will be taken to prevent the occurrence of future violations. Please note that future violations are required to be reported as per the NPDES permit, Part III, Item 12. In lieu of calling the spill hotline phone number, however, I can be contacted directly.

Permit #: 1PX00014*CD
 NPDES #: OH0119067

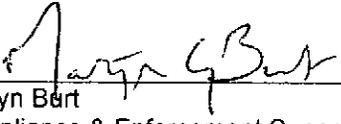


State of Ohio Environmental Protection Agency
 Southwest District Office

NPDES Compliance Inspection Report
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PX00014*CD	OH0119067	12/9/2008	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Stillwater Golf Estates WWTP Lot 24, Stillwater Drive Versailles, OH 45380	2:10 PM	January 1, 2008
	Exit Time	Permit Expiration Date
	2:20 PM	December 31, 2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
N/A		
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Steve Crawford	937-548-2415	
Name, Address and Title of Responsible Official	Phone Number	
Darke County Commissioners County Administration Building 520 South Broadway Greenville, OH 45331	937-547-7370	

Ohio EPA Inspector	Ohio EPA Reviewer
 Joe Miller Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
12/15/08 Date	12/15/08 Date

Average Daily Design Flow:	7,500 Gallons/Day
Plant Serves:	Golf Course Community
Average Daily Flow: (Period of Review):	7,200 GPD (July 2007 to December 2008)
Method of flow monitoring:	Dosing
Type of alarms for plant:	Visual

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **Unknown**
 Maintenance of pretreatment components is: **Unknown**

Comments/Status:

**Secondary Treatment
(Aeration)**

Color of sludge: **Unknown**
 Quality of Sludge: **Unknown**
 Foam: **Unknown**
 Odor: **None**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is... **Unknown**

Comments/Status:

Unable to gain access to evaluate. Some grating rusted through or missing.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Overall maintenance of components is: **Satisfactory**

Comments/Status:

Some algae growth...likely due to slow draining filters.

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Sludge Handling/Storage Disposal

Hauler name: Unknown
Disposal Site: Unknown
Sludge wasted from: Sludge Holding

Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Unknown**

Comments/Status:

Plant Discharge

Discharge point is: **unnamed tributary**
Name of discharge point: **unnamed tributary of the Stillwater River**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

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